



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shizuo AKIRA *et al.*

App'n. No. 10/088,567

Confirmation No. 3078

Filed: March 19, 2002

For: RECEPTOR PROTEIN SPECIFICALLY  
RECOGNIZING BACTERIAL DNA

Art Unit: 1648

Examiner: Michelle S. Horning

Atty. Docket No. 31671-178057

Customer No.

**26694**

PATENT TRADEMARK OFFICE

**AMENDMENT AND RESPONSE**

MAIL STOP: AMENDMENTS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action issued October 12, 2006, please enter the following amendments and consider the following remarks.

Amendments to the specification begin on page 2.

Claim amendments begin on page 3.

Remarks begin on page 7.

It is believed that no fee is due; however, please charge any necessary fees or credit any refund to Deposit Account 22-0261.



IFW

PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>FEE TRANSMITTAL</b> <b>For FY 2006</b>		<b>Complete if Known</b>		
		Application Number	10/088,567	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	March 19, 2002	
		First Named Inventor	Shizuo AKIRA	
		Examiner Name	Michelle S. Horning	
		Art Unit	1648	
TOTAL AMOUNT OF PAYMENT	(\$)	0 -	Attorney Docket No.	31671-178057

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify)

☒ Deposit Account Deposit Account Number: 22-0261 Deposit Account Name: Venable LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fees Paid (\$)

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge):

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	36,830
Name (Print/Type)	Ann S. Hobbs, Ph.D.	Telephone	(202) 344-4000
		Date	January 11, 2007

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